WHAT IS CLAIMED IS:

1. An input data processing device comprising:

a display unit displaying display image data showing a plurality of input regions representing a range of acceptable inputs of designation, said designation being made for controlling a predetermined apparatus;

5   a memory unit storing bit map data corresponding to said display image data, said bit map data including data corresponding to respective positions of said plurality of input regions to which different values are assigned respectively;

a position detecting portion for detecting a position designated on

10   said display unit on which said display image data is displayed; and

an output portion for outputting a value corresponding to the designated position detected by said position detecting portion, according to said bit map data.

2. The input data processing device according to claim 1, wherein

for one piece of said predetermined apparatus, a plurality of said bit map data are provided.

3. The input data processing device according to claim 1, wherein

said bit map data includes at least a part of a first region corresponding to the position of one input region of said display image data, and, to a second region different in size from said one input region of said

5   display image data, a value corresponding to said one input region is assigned.

4. The input data processing device according to claim 1, wherein

in said bit map data, to a region matching the position of one input region of said display image data, a value corresponding to said one input region is assigned.

5. The input data processing device according to claim 1, further

comprising an input unit for input of designation.

6. The input data processing device according to claim 1, wherein said predetermined apparatus is an image forming apparatus.

7. The input data processing device according to claim 6, wherein said plurality of input regions shown by said display image data represent a plurality of paper-supply trays respectively of said image forming apparatus.

8. A data processing method comprising the steps of:
displaying, on a display unit, an image showing a plurality of input regions representing a range of acceptable inputs of designation, said designation being made for controlling a predetermined apparatus;
detecting a position designated by a user on said image displayed on said display unit;
referring to the designated position having been detected and to bit map data having different values assigned respectively to positions to be designated; and
outputting a value corresponding to said designated position having been detected, according to said bit map data.

9. The data processing method according to claim 8, wherein for one piece of said predetermined apparatus, a plurality of said bit map data are provided, and in said referring step, one of said plurality of bit map data is referred to.

10. The data processing method according to claim 8, wherein said bit map data includes at least a part of a first region corresponding to the position of one input region of said image, and, to a second region different in size from said one input region of said image, a value corresponding to said one input region is assigned.

11.   The data processing method according to claim 8, wherein
in said bit map data, to a region matching the position of one input region of said image, a value corresponding to said one input region is assigned.

12.   The data processing method according to claim 8, wherein said predetermined apparatus is an image forming apparatus, and said plurality of input regions shown by said image represent a plurality of paper-supply trays respectively of said image forming apparatus.

13.   A computer program product for executing an input data process by a computer, said computer executing the process steps of:
displaying, on a display unit, an image showing a plurality of input regions representing a range of acceptable inputs of designation, said
5   designation being made for controlling a predetermined apparatus;
detecting a position designated by a user on said image displayed on said display unit;
referring to the designated position having been detected and to bit map data having different values assigned respectively to positions to be
10   designated; and
outputting a value corresponding to said designated position having been detected, according to said bit map data.

14.   The computer program product according to claim 13, wherein said computer program product is a computer program.

15.   The computer program product according to claim 13, wherein said computer program product is a computer-readable storage medium on which a computer program is stored.